

ANACONDA ALUMINUM COMPANY
Chemistry Department
Columbia Falls, Montana

Date December 3, 1968

MONTHLY REPORT

EFFICIENCY AND TOTAL POUNDS FLUORINE PER DAY

Year 1968

Month October

Potline Number	Towers					Roofs		Potline Total	Plant Total
	No. of Sample	Input	Output	Recovery	Eff.	No. of Sample	Output		
1	6		479			128	2369	2848	
2	6		542			93	2000	2542	
3	5		569			146	1555	2124	
4			--			102	1716	--	
5									
Plant Total	17	20,045	1,590*	18,455***	--	469	7640**	7514*	9230*

- REMARKS:
- * Does not include Line 4 stack output.
 - ** Roof output value for plant includes Line 4 roofs.
 - *** Total plant fluoride recovery was determined on the basis of sludge flow from the water treatment plant. It is subject to the following considerations.
 - a. Recirculation of water through Line 5 towers with no fluoride load during latter part of October 1968.
 - b. Abnormal conditions resulting from strike shutdown.
 - c. Changes in sludge loads due to cut-in of clarifier #3.
 - d. Restriction in Lines 3-4-5 scrubber effluent line due to L&N effluent flow meter orifice plate.
 - e. Removal of Lines 3-4-5 L&N scrubber effluent flow meter and replacement of drain lines.

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